

# SEQUENCE LISTING

<110> Lehrer, Robert I.  
Harwig, Sylvia S. L.  
Chang, Conway C.  
Gu, Chee L.

<120> PAREVINS AND TACHYTEGRINS

<130> 8067-0053-999

<140> US 09/128,344

<141> 1998-08-03

<150> US 08/647,622

<151> 1996-07-03

<150> US 60/000,898

<151> 1995-07-06

<160> 201

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (5)...(8)

<223> cis-Parevin 1

<221> DISULFID

<222> (13)...(16)

<223> cis-Parevin 1

<221> DISULFID

<222> (5)...(16)

<223> trans-Parevin 1

<221> DISULFID

<222> (8)...(13)

<223> trans-Parevin 1

<400> 1

Arg	Gly	Gly	Arg	Cys	Leu	Tyr	Cys	Arg	Arg	Arg	Phe	Cys	Val	Val	Cys
1					5					10				15	
Gly	Arg														

<210> 2

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (5)...(8)

<223> cis-Parevin 2

<221> DISULFID

<222> (13)...(16)

<223> cis-Parevin 2

<221> DISULFID

<222> (5)...(16)

<223> trans-Parevin 2

<221> DISULFID

<222> (8)...(13)

<223> trans-Parevin 2

<400> 2

Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys

1

5

10

15

Gly Arg

<210> 3

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (5)...(8)

<223> cis-Parevin 3

<221> DISULFID

<222> (13)...(16)

<223> cis-Parevin 3

<221> DISULFID

<222> (5)...(16)

<223> trans-Parevin 3

<221> DISULFID

<222> (8)...(13)

<223> trans-Parevin 3

<400> 3

Arg Gly Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys

1

5

10

15

Gly Arg

<210> 4

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID  
<222> (5)...(8)  
<223> cis-Parevin 4

<221> DISULFID  
<222> (13)...(16)  
<223> cis-Parevin 4

<221> DISULFID  
<222> (5)...(16)  
<223> trans-Parevin 4

<221> DISULFID  
<222> (8)...(13)  
<223> trans-Parevin 4

<400> 4  
Arg Gly Gly Arg Cys Leu Tyr Cys Arg Pro Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 5  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (5)...(8)  
<223> cis-Parevin 5

<221> DISULFID  
<222> (13)...(16)  
<223> cis-Parevin 5

<221> DISULFID  
<222> (5)...(16)  
<223> trans-Parevin 5

<221> DISULFID  
<222> (8)...(13)  
<223> trans-Parevin 5

<400> 5  
Arg Gly Gly Arg Cys Leu Tyr Cys Arg Pro Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 6  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID

<222> (4)...(17)  
<223> trans-Tachytegrin-1

<221> DISULFID  
<222> (8)...(13)  
<223> trans-Tachytegrin-1

<400> 6  
Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
1 5 10 15  
Cys Arg

<210> 7  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)  
<223> trans-Tachytegrin-2

<221> DISULFID  
<222> (8)...(13)  
<223> trans-Tachytegrin-2

<400> 7  
Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Gly  
1 5 10 15  
Cys Arg

<210> 8  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)  
<223> trans-Tachytegrin-3

<221> DISULFID  
<222> (8)...(13)  
<223> trans-Tachytegrin-3

<400> 8  
Arg Gly Gly Cys Gly Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
1 5 10 15  
Cys Arg

<210> 9  
<211> 18  
<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (4)...(17)

<223> trans-Tachytegrin-4

<221> DISULFID

<222> (8)...(13)

<223> trans-Tachytegrin-4

<400> 9

Arg Gly Gly Cys Arg Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Gly  
1 5 10 15

Cys Arg

<210> 10

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (4)...(17)

<223> trans-Tachytegrin-5

<221> DISULFID

<222> (8)...(13)

<223> trans-Tachytegrin-5

<400> 10

Arg Gly Gly Cys Arg Leu Tyr Cys Arg Pro Arg Phe Cys Val Val Gly  
1 5 10 15

Cys Arg

<210> 11

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<400> 11

Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
1 5 10 15

Gly Arg

<210> 12

<211> 18

<212> PRT

<213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 12  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 13  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 13  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys  
 1 5 10 15  
 Gly

<210> 14  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 14  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Gly  
 1 5 10 15  
 Cys

<210> 15  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 15  
 Arg Gly Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 16  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 16  
 Arg Gly Gly Cys Gly Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 17  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 17  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Cys  
 1 5 10 15  
 Gly Arg

<210> 18  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 18  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Gly  
 1 5 10 15  
 Cys Arg

<210> 19  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 19  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Pro Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 20  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 20  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Pro Arg Phe Cys Val Val Gly  
 1 5 10 15

Cys Arg

<210> 21  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 21  
Arg Gly Gly Arg Cys Val Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly

<210> 22  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 22  
Arg Gly Gly Cys Arg Val Tyr Cys Arg Arg Arg Phe Cys Val Ile Gly  
1 5 10 15  
Cys

<210> 23  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 23  
Lys Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly

<210> 24  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 24  
Lys Gly Gly Cys Arg Ile Tyr Cys Arg Arg Arg Phe Cys Val Ile Gly  
1 5 10 15  
Cys



<210> 25  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 4  
 <223> Xaa = Homoarginine  
  
 <400> 25  
 Arg Gly Gly Xaa Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
  
 <210> 26  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 5  
 <223> Xaa = Homoarginine  
  
 <400> 26  
 Arg Gly Gly Cys Xaa Leu Tyr Cys Arg Arg Arg Phe Cys Val Ile Cys  
 1 5 10 15  
  
 <210> 27  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 4,9  
 <223> Xaa = Homoarginine  
  
 <400> 27  
 Arg Gly Gly Xaa Cys Leu Tyr Cys Xaa Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg  
  
 <210> 28  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 5,9

<223> Xaa = Homoarginine

<400> 28  
Arg Gly Gly Cys Xaa Leu Tyr Cys Xaa Arg Arg Phe Cys Val Ile Gly  
1 5 10 15  
Cys Arg

<210> 29

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> 10

<223> Xaa = Homoarginine

<400> 29  
Arg Gly Gly Arg Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 30

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> 10

<223> Xaa = Homoarginine

<400> 30  
Arg Gly Gly Cys Arg Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Gly  
1 5 10 15  
Cys Arg

<210> 31

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<400> 31

Arg Gly Gly Arg Cys Leu Tyr Cys Arg Lys Lys Trp Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 32

<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 32  
Arg Gly Gly Cys Arg Leu Tyr Cys Arg Lys Lys Trp Cys Val Val Gly  
1 5 10 15  
Cys Arg

<210> 33  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES  
<222> 10  
<223> Xaa = Homoarginine

<400> 33  
Arg Gly Gly Arg Cys Leu Tyr Cys Arg Xaa Arg Tyr Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 34  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES  
<222> 10  
<223> Xaa = Homoarginine

<400> 34  
Arg Gly Gly Cys Arg Leu Tyr Cys Arg Xaa Arg Tyr Cys Val Val Ala  
1 5 10 15  
Cys Arg

<210> 35  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 35  
Arg Gly Ser Gly Cys Leu Tyr Cys Arg Arg Lys Trp Cys Val Val Cys  
1 5 10 15

Gly Arg

<210> 36  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 36  
Arg Gly Ser Cys Gly Leu Tyr Cys Arg Arg Lys Trp Cys Val Val Gly  
1 5 10 15  
Cys Arg

<210> 37  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 37  
Arg Ala Thr Arg Cys Ile Phe Cys Arg Arg Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 38  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 38  
Arg Ala Thr Cys Arg Ile Phe Cys Arg Arg Arg Phe Cys Val Ile Gly  
1 5 10 15  
Cys Arg

<210> 39  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES  
<222> 10  
<223> Xaa = Homoarginine

<400> 39  
Arg Gly Gly Lys Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys

1 5 10 15  
 Gly Arg

<210> 40  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homoarginine

<400> 40  
 Arg Gly Gly Cys Lys Val Tyr Cys Arg Xaa Arg Phe Cys Val Ile Gly  
 1 5 10 15  
 Cys Arg

<210> 41  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 9,18  
 <223> Xaa = D-Arginine

<400> 41  
 Arg Ala Thr Arg Cys Ile Phe Cys Xaa Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Xaa

<210> 42  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 9,18  
 <223> Xaa = D-Arginine

<400> 42  
 Arg Ala Thr Cys Arg Ile Phe Cys Xaa Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Xaa

<210> 43

<211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 10  
 <223> Xaa = D-Homoarginine  
  
 <400> 43  
 Arg Gly Gly Lys Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 44  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 10  
 <223> Xaa = D-Homoarginine

<400> 44  
 Arg Gly Gly Cys Lys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 45  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
 D-configuration

<400> 45  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 46  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(18)

<223> All genetically encoded amino acids are in the  
D-configuration

<400> 46

Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
1 5 10 15  
Cys Arg

<210> 47

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(17)

<223> All genetically encoded amino acids are in the  
D-configuration

<400> 47

Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys  
1 5 10 15  
Gly

<210> 48

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(17)

<223> All genetically encoded amino acids are in the  
D-configuration

<400> 48

Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Gly  
1 5 10 15  
Cys

<210> 49

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
 D-configuration

<400> 49  
 Arg Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 50  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
 D-configuration

<400> 50  
 Arg Gly Gly Cys Gly Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 51  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
 D-configuration

<400> 51  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Cys  
 1 5 10 15  
 Gly Arg

<210> 52  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
 D-configuration



<400> 52  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Gly  
 1 5 10 15  
 Cys Arg

<210> 53  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 53  
 Arg Gly Gly Cys Leu Arg Tyr Cys Arg Pro Arg Phe Cys Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 54  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 54  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 55  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 55  
 Arg Gly Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg Leu  
 1 5 10 15  
 Cys Arg

<210> 56  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 56  
 Arg Gly Arg Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg  
 1 5 10 15

Leu Cys Phe Arg  
20

<210> 57  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 57  
Arg Trp Arg Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg  
1 5 10 15  
Leu Cys Leu Arg  
20

<210> 58  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 58  
Arg Gly Trp Arg Val Cys Leu Lys Tyr Cys Arg Gly Arg Phe Cys Val  
1 5 10 15  
Lys Leu Cys Leu Arg  
20

<210> 59  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 59  
Arg Gly Gly Arg Val Cys Leu Arg Tyr Cys Arg Gly Lys Phe Cys Val  
1 5 10 15  
Arg Leu Cys Leu Arg  
20

<210> 60  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<400> 60  
Arg Gly Gly Arg Cys Leu Tyr Ala Arg Arg Arg Phe Ala Val Val Cys  
1 5 10 15  
Gly Arg

<210> 61  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <400> 61  
 Arg Gly Gly Arg Cys Leu Tyr Ala Arg Arg Arg Phe Ser Ile Val Cys  
 1 5 10 15  
  
 <210> 62  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <400> 62  
 Arg Gly Gly Gly Cys Leu Tyr Ser Arg Arg Arg Phe Ala Val Val Cys  
 1 5 10 15  
 Gly Arg  
  
 <210> 63  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <400> 63  
 Arg Gly Gly Arg Cys Leu Tyr Ala Arg Arg Arg Phe Gly Val Val Cys  
 1 5 10 15  
  
 <210> 64  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <400> 64  
 Lys Gly Gly Arg Cys Leu Tyr Val Arg Arg Arg Phe Ile Val Val Cys  
 1 5 10 15  
  
 <210> 65  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES

<222> 4  
 <223> Xaa = Homoarginine  
 <400> 65  
 Arg Gly Gly Xaa Cys Leu Tyr Ala Arg Arg Arg Phe Val Gly Cys Val  
 1 5 10 15

<210> 66  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 4,9  
 <223> Xaa = Homoarginine

<400> 66  
 Arg Gly Gly Xaa Cys Leu Tyr Ala Xaa Arg Arg Phe Ser Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 67  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 5,9  
 <223> Xaa = Homoarginine

<400> 67  
 Arg Gly Gly Cys Xaa Leu Tyr Ala Xaa Arg Arg Phe Ser Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 68  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homoarginine

<400> 68  
 Arg Gly Gly Arg Cys Val Tyr Val Arg Xaa Arg Phe Leu Val Cys Val  
 1 5 10 15  
 Gly Arg

<210> 69  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <400> 69  
 Arg Gly Gly Arg Cys Leu Tyr Ser Arg Lys Lys Trp Ala Val Ser Cys  
 1 5 10 15  
 Gly Arg

<210> 70  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homoarginine  
  
 <400> 70  
 Arg Gly Gly Arg Cys Leu Tyr Ser Arg Xaa Arg Tyr Ser Val Ile Cys  
 1 5 10 15  
 Gly Arg

<210> 71  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide

<400> 71  
 Arg Gly Ser Gly Cys Ile Tyr Cys Arg Arg Lys Trp Gly Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 72  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide

<400> 72  
 Arg Ala Thr Arg Cys Ile Phe Ser Arg Arg Arg Phe Ser Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 73  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES  
<222> 10  
<223> Xaa = Homoarginine

<400> 73  
Arg Gly Gly Lys Cys Val Tyr Gly Arg Xaa Arg Phe Ser Val Val Cys  
1 5 10 15  
Gly Arg

<210> 74  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES  
<222> 9,18  
<223> Xaa = D-arginine

<400> 74  
Arg Ala Thr Arg Cys Ile Phe Gly Xaa Arg Arg Phe Gly Val Val Cys  
1 5 10 15  
Gly Xaa

<210> 75  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES  
<222> 10  
<223> Xaa = D-homoarginine

<400> 75  
Arg Gly Gly Lys Cys Val Tyr Leu Arg Xaa Arg Phe Leu Val Val Cys  
1 5 10 15  
Gly Arg

<210> 76  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 76  
 Arg Gly Gly Arg Cys Val Phe Leu Arg Pro Arg Ile Gly Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 77  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 77  
 Arg Gly Gly Cys Leu Arg Tyr Ala Val Pro Arg Phe Ala Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 78  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 78  
 Arg Gly Gly Cys Leu Arg Tyr Thr Lys Pro Lys Phe Thr Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 79  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 79  
 Arg Gly Gly Cys Leu Arg Tyr Ala Val Gly Arg Phe Ala Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 80  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 10  
 <223> Xaa = MeGly  
  
 <400> 80  
 Arg Gly Gly Cys Leu Arg Tyr Ala Arg Xaa Arg Phe Ala Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 81  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 81  
 Arg Gly Phe Cys Leu Arg Tyr Thr Val Pro Arg Phe Thr Val Arg Phe  
 1 5 10 15  
 Cys Val Arg

<210> 82  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 82  
 Arg Gly Phe Cys Leu Arg Tyr Lys Val Gly Arg Phe Lys Val Arg Phe  
 1 5 10 15  
 Cys Val Arg

<210> 83  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 8,13  
 <223> Xaa = MeGly

<400> 83  
 Arg Gly Phe Cys Leu Arg Tyr Xaa Val Gly Arg Phe Xaa Val Arg Phe  
 1 5 10 15  
 Cys Val Arg

<210> 84  
 <211> 18  
 <212> PRT



<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> 10

<223> Xaa = MeGly

<400> 84

Arg	Gly	Gly	Cys	Leu	Arg	Tyr	Ala	Arg	Xaa	Arg	Phe	Ala	Val	Arg	Val
1				5					10					15	
Cys Arg															

<210> 85

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<400> 85

Arg	Gly	Gly	Cys	Leu	Arg	Tyr	Ala	Val	Gly	Arg	Phe	Ala	Val	Arg	Val
1				5					10					15	
Cys Arg															

<210> 86

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<400> 86

Arg	Gly	Gly	Arg	Cys	Leu	Tyr	Cys	Arg	Arg	Arg	Phe	Cys	Val	Val	Gly
1				5					10					15	
Cys Arg															

<210> 87

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<400> 87

Arg	Gly	Gly	Cys	Arg	Leu	Tyr	Cys	Arg	Arg	Arg	Phe	Cys	Val	Val	Cys
1				5					10					15	
Gly Arg															

<210> 88

<211> 18

<212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <400> 88  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Cys Val  
 1 5 10 15  
 Gly Arg

<210> 89  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide

<400> 89  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Cys Val  
 1 5 10 15  
 Gly Arg

<210> 90  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide

<400> 90  
 Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 91  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide

<400> 91  
 Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 92  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 92  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys

<210> 93  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 93  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys

<210> 94  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 94  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly

<210> 95  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <400> 95  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Cys Val  
 1 5 10 15  
 Gly

<210> 96  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 96  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Cys Val  
 1 5 10 15  
 Gly

<210> 97  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 97  
 Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly

<210> 98  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 98  
 Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys

<210> 99  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 99  
 Arg Gly Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 100  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<400> 100  
 Arg Gly Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Cys Val  
 1 5 10 15

Gly Arg

<210> 101

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<400> 101

Arg Gly Gly Cys Gly Leu Tyr Cys Arg Arg Arg Phe Cys Val Cys Val  
1 5 10 15

Gly Arg

<210> 102

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<400> 102

Arg Gly Gly Gly Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
1 5 10 15

Gly Arg

<210> 103

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<400> 103

Arg Gly Gly Gly Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
1 5 10 15

Cys Arg

<210> 104

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (5)...(16)

<221> DISULFID

<222> (8)...(13)

<400> 104  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 105  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 105  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys  
 1 5 10 15  
 Gly

<210> 106  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 106  
 Arg Gly Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 107  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 107  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Cys  
 1 5 10 15  
 Gly Arg

<210> 108  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 108  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Pro Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 109  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 109  
 Arg Gly Gly Arg Cys Val Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys

<210> 110  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 110  
 Lys Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly

<210> 111  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 4  
 <223> Xaa = Homoarginine

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 111  
 Arg Gly Gly Xaa Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15

<210> 112  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 4,9  
 <223> Xaa = Homoarginine

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 112  
 Arg Gly Gly Xaa Cys Leu Tyr Cys Xaa Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 113  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide



```

<221> MOD_RES
<222> 10
<223> Xaa = Homoarginine

<221> DISULFID
<222> (5)...(16)

<221> DISULFID
<222> (8)...(13)

<400> 113
Arg Gly Gly Arg Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys
  1              5              10              15
Gly Arg

```

```

<210> 114
<211> 18
<212> PRT
<213> Artificial Sequence

```

```

<220>
<223> Synthetic polypeptide

```

```

<221> DISULFID
<222> (5)...(16)

<221> DISULFID
<222> (8)...(13)

```

```

<400> 114
Arg Gly Gly Arg Cys Leu Tyr Cys Arg Lys Lys Trp Cys Val Val Cys
  1              5              10              15
Gly Arg

```

```

<210> 115
<211> 18
<212> PRT
<213> Artificial Sequence

```

```

<220>
<223> Synthetic polypeptide

```

```

<221> MOD_RES
<222> 10
<223> Xaa = Homoarginine

```

```

<221> DISULFID
<222> (5)...(16)

<221> DISULFID
<222> (8)...(13)

```

```

<400> 115
Arg Gly Gly Arg Cys Leu Tyr Cys Arg Xaa Arg Tyr Cys Val Val Cys
  1              5              10              15
Gly Arg

```

[illegible]

```
<221> DISULFID
<222> (5) ... (16)
```

```
<221> DISULFID
<222> (8) ... (13)
```

```

<400> 116
Arg Gly Ser Gly Cys Leu Tyr Cys Arg Arg Lys Trp Cys Val Val Cys
      1           5           10           15
Gly Arg

```

```
<210> 117
<211> 18
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Synthetic polypeptide

```
<221> DISULFID
<222> (5) ... (16)
```

```
<221> DISULFID
<222> (8) ... (13)
```

```

<400> 117
Arg Ala Thr Arg Cys Ile Phe Cys Arg Arg Arg Phe Cys Val Val Cys
      1              5              10              15
Gly Arg

```

```
<210> 118
<211> 18
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Synthetic polypeptide

```
<221> MOD_RES
<222> 10
<223> Xaa = Homoarginine
```

```
<221> DISULFID
<222> (5) ... (16)
```

```
<221> DISULFID
<222> (8) . . . (13)
```

<400> 118  
Arg Gly Gly Lys Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys  
1 5 10 15

Gly Arg

<210> 119  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES  
<222> 9,18  
<223> Xaa = D-arginine

<221> DISULFID  
<222> (5)...(16)

<221> DISULFID  
<222> (8)...(13)

<400> 119  
Arg Ala Thr Arg Cys Ile Phe Cys Xaa Arg Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Xaa

<210> 120  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES  
<222> 10  
<223> Xaa = D-homoarginine

<221> DISULFID  
<222> (5)...(16)

<221> DISULFID  
<222> (8)...(13)

<400> 120  
Arg Gly Gly Lys Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 121  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
           D-configuration  
  
 <221> DISULFID  
 <222> (5)...(16)  
  
 <221> DISULFID  
 <222> (8)...(13)  
  
 <400> 121  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
   1                  5                  10                  15  
 Gly Arg

<210> 122  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> (1)...(16)  
 <223> All genetically encoded amino acids are in the  
           D-configuration

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 122  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys  
   1                  5                  10                  15  
 Gly

<210> 123  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
           D-configuration

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 123

Arg Gly Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 124

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(18)

<223> All genetically encoded amino acids are in the  
 D-configuration

<221> DISULFID

<222> (5)...(16)

<221> DISULFID

<222> (8)...(13)

<400> 124

Arg Gly Gly Arg Cys Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Cys  
 1 5 10 15  
 Gly Arg

<210> 125

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (5)...(8)

<221> DISULFID

<222> (13)...(16)

<400> 125

Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 126

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (5)...(8)

<221> DISULFID  
 <222> (13)...(16)  
  
 <400> 126  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys  
 1 5 10 15  
 Gly

<210> 127  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(8)

<221> DISULFID  
 <222> (13)...(16)

<400> 127  
 Arg Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 128  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(8)

<221> DISULFID  
 <222> (13)...(16)

<400> 128  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Cys  
 1 5 10 15  
 Gly Arg

<210> 129  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(8)

<221> DISULFID  
 <222> (13)...(16)  
  
 <400> 129  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Pro Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg  
  
 <210> 130  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (5)...(8)  
  
 <221> DISULFID  
 <222> (13)...(16)  
  
 <400> 130  
 Arg Gly Gly Arg Cys Val Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly  
  
 <210> 131  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (5)...(8)  
  
 <221> DISULFID  
 <222> (13)...(16)  
  
 <400> 131  
 Lys Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly  
  
 <210> 132  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 4  
 <223> Xaa = Homoarginine

```

<221> DISULFID
<222> (5)...(8)

<221> DISULFID
<222> (13)...(16)

<400> 132
Arg Gly Gly Xaa Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys
 1             5             10             15

<210> 133
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic polypeptide

<221> MOD_RES
<222> 4,9
<223> Xaa = Homoarginine

<221> DISULFID
<222> (5)...(8)

<221> DISULFID
<222> (13)...(16)

<400> 133
Arg Gly Gly Xaa Cys Leu Tyr Cys Xaa Arg Arg Phe Cys Val Val Cys
 1             5             10             15
Gly Arg

<210> 134
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic polypeptide

<221> MOD_RES
<222> 10
<223> Xaa = Homoarginine

<221> DISULFID
<222> (5)...(8)

<221> DISULFID
<222> (13)...(16)

<400> 134
Arg Gly Gly Arg Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys
 1             5             10             15
Gly Arg

<210> 135
<211> 18

```



<212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (5)...(8)  
  
 <221> DISULFID  
 <222> (13)...(16)  
  
 <400> 135  
 Arg Gly Arg Cys Leu Tyr Cys Arg Lys Lys Trp Cys Val Val Cys  
           1                  5                  10                  15  
 Gly Arg

<210> 136  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homocysteine

<221> DISULFID  
 <222> (5)...(8)

<221> DISULFID  
 <222> (13)...(16)

<400> 136  
 Arg Gly Arg Cys Leu Tyr Cys Arg Xaa Arg Tyr Cys Val Val Cys  
           1                  5                  10                  15  
 Gly Arg

<210> 137  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(8)

<221> DISULFID  
 <222> (13)...(16)

<400> 137  
 Arg Gly Ser Gly Cys Leu Tyr Cys Arg Arg Lys Trp Cys Val Val Cys  
           1                  5                  10                  15  
 Gly Arg

<210> 138  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (5)...(8)  
  
 <221> DISULFID  
 <222> (13)...(16)  
  
 <400> 138  
 Arg Ala Thr Arg Cys Ile Phe Cys Arg Arg Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 139  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homoarginine  
  
 <221> DISULFID  
 <222> (5)...(8)  
  
 <221> DISULFID  
 <222> (13)...(16)  
  
 <400> 139  
 Arg Gly Gly Lys Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 140  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 9,18  
 <223> Xaa = D-arginine  
  
 <221> DISULFID  
 <222> (5)...(8)  
  
 <221> DISULFID

<222> (13)...(16)

<400> 140

Arg Ala Thr Arg Cys Ile Phe Cys Xaa Arg Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Xaa

<210> 141

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> 10

<223> Xaa = D-homoarginine

<221> DISULFID

<222> (5)...(8)

<221> DISULFID

<222> (13)...(16)

<400> 141

Arg Gly Gly Lys Cys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 142

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(18)

<223> All genetically encoded amino acids are in the  
D-configuration

<221> DISULFID

<222> (5)...(8)

<221> DISULFID

<222> (13)...(16)

<400> 142

Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
1 5 10 15  
Gly Arg

<210> 143

<211> 17

<212> PRT

<213> Artificial Sequence  
 <220>  
 <223> Synthetic polypeptide  
 <221> MOD\_RES  
 <222> (1)...(17)  
 <223> All genetically encoded amino acids are in the  
           D-configuration  
 <221> DISULFID  
 <222> (5)...(8)  
 <221> DISULFID  
 <222> (13)...(16)  
 <400> 143  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys  
   1                  5                  10                  15  
 Gly

<210> 144  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Synthetic polypeptide  
 <221> MOD\_RES  
 <222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
           D-configuration  
 <221> DISULFID  
 <222> (5)...(8)  
 <221> DISULFID  
 <222> (13)...(16)  
 <400> 144  
 Arg Gly Gly Gly Cys Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Cys  
   1                  5                  10                  15  
 Gly Arg

<210> 145  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Synthetic polypeptide  
 <221> DISULFID  
 <222> (5)...(8)  
 <221> DISULFID  
 <222> (13)...(16)

<221> MOD\_RES  
 <222> (1)...(18)  
 <223> All genetically encoded amino acids are in the  
 D-configuration

<400> 145  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Cys  
 1 5 10 15  
 Gly Arg

<210> 146  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (4)...(17)

<221> DISULFID  
 <222> (8)...(13)

<400> 146  
 Arg Gly Gly Cys Arg Val Tyr Cys Arg Arg Arg Phe Cys Val Ile Gly  
 1 5 10 15  
 Cys

<210> 147  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (4)...(17)

<221> DISULFID  
 <222> (8)...(13)

<400> 147  
 Lys Gly Gly Cys Arg Ile Tyr Cys Arg Arg Arg Phe Cys Val Ile Gly  
 1 5 10 15  
 Cys

<210> 148  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES

<222> 5,9  
 <223> Xaa = Homoarginine  
 <221> DISULFID  
 <222> (4)...(17)  
 <221> DISULFID  
 <222> (8)...(13)  
 <400> 148  
 Arg Gly Gly Cys Xaa Leu Tyr Cys Xaa Arg Arg Phe Cys Val Ile Gly  
 1 5 10 15  
 Cys Arg

<210> 149  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homoarginine

<221> DISULFID  
 <222> (4)...(17)

<221> DISULFID  
 <222> (8)...(13)

<400> 149  
 Arg Gly Gly Cys Arg Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 150  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (4)...(17)

<221> DISULFID  
 <222> (8)...(13)

<400> 150  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Lys Lys Trp Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 151

<211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homoarginine  
  
 <221> DISULFID  
 <222> (4)...(17)  
  
 <221> DISULFID  
 <222> (8)...(13)  
  
 <400> 151  
 Arg Gly Gly Cys Arg Leu Tyr Cys Arg Xaa Arg Tyr Cys Val Val Ala  
 1 5 10 15  
 Cys Arg

<210> 152  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (4)...(17)  
  
 <221> DISULFID  
 <222> (8)...(13)  
  
 <400> 152  
 Arg Gly Ser Cys Gly Leu Tyr Cys Arg Arg Lys Trp Cys Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 153  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (4)...(17)  
  
 <221> DISULFID  
 <222> (8)...(13)  
  
 <400> 153  
 Arg Ala Thr Cys Arg Ile Phe Cys Arg Arg Arg Phe Cys Val Ile Gly  
 1 5 10 15  
 Cys Arg

<210> 154  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homoarginine  
  
 <221> DISULFID  
 <222> (4)...(17)  
  
 <221> DISULFID  
 <222> (8)...(13)  
  
 <400> 154  
 Arg Gly Gly Cys Lys Val Tyr Cys Arg Xaa Arg Phe Cys Val Ile Gly  
 1 5 10 15  
 Cys Arg

<210> 155  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 9,18  
 <223> Xaa = D-arginine  
  
 <221> DISULFID  
 <222> (4)...(17)  
  
 <221> DISULFID  
 <222> (8)...(13)

<400> 155  
 Arg Ala Thr Cys Arg Ile Phe Cys Xaa Arg Arg Phe Cys Val Val Gly  
 1 5 10 15  
 Cys Xaa

<210> 156  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 10



<223> Xaa = D-homoarginine

<221> DISULFID

<222> (4)...(17)

<221> DISULFID

<222> (8)...(13)

<400> 156

Arg Gly Gly Cys Lys Val Tyr Cys Arg Xaa Arg Phe Cys Val Val Gly

1

5

10

15

Cys Arg

<210> 157

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(18)

<223> All genetically encoded amino acids are in the  
D-configuration

<221> DISULFID

<222> (4)...(17)

<221> DISULFID

<222> (8)...(13)

<400> 157

Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly

1

5

10

15

Cys Arg

<210> 158

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(17)

<223> All genetically encoded amino acids are in the  
D-configuration

<221> DISULFID

<222> (4)...(17)

<221> DISULFID

<222> (8)...(13)

<400> 158

Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Gly

1

5

10

15

Cys

<210> 159  
<211> 17  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Synthetic polypeptide  
  
<221> MOD\_RES  
<222> (1)...(17)  
<223> All genetically encoded amino acids are in the  
D-configuration  
  
<221> DISULFID  
<222> (4)...(17)  
  
<221> DISULFID  
<222> (8)...(13)  
  
<400> 159  
Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Gly  
1 5 10 15  
Cys

<210> 160  
<211> 18  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Synthetic polypeptide  
  
<221> MOD\_RES  
<222> (1)...(18)  
<223> All genetically encoded amino acids are in the  
D-configuration  
  
<221> DISULFID  
<222> (4)...(17)  
  
<221> DISULFID  
<222> (8)...(13)  
  
<400> 160  
Arg Gly Gly Cys Arg Leu Tyr Cys Arg Gly Trp Ile Cys Phe Val Gly  
1 5 10 15  
Cys Arg

<210> 161  
<211> 18  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)

<221> DISULFID  
<222> (8)...(13)

<400> 161  
Arg Gly Gly Cys Leu Arg Tyr Cys Arg Pro Arg Phe Cys Val Arg Val  
1 5 10 15  
Cys Arg

<210> 162  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)

<221> DISULFID  
<222> (8)...(13)

<400> 162  
Arg Gly Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg Leu  
1 5 10 15  
Cys Arg

<210> 163  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (5)...(18)

<221> DISULFID  
<222> (9)...(14)

<400> 163  
Arg Gly Arg Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg  
1 5 10 15  
Leu Cys Phe Arg  
20

<210> 164  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (5)...(18)

<221> DISULFID  
<222> (9)...(14)

<400> 164  
Arg Trp Arg Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg  
1 5 10 15  
Leu Cys Leu Arg  
20

<210> 165  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (6)...(19)

<221> DISULFID  
<222> (10)...(15)

<400> 165  
Arg Gly Trp Arg Val Cys Leu Lys Tyr Cys Arg Gly Arg Phe Cys Val  
1 5 10 15  
Lys Leu Cys Leu Arg  
20

<210> 166  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (6)...(19)

<221> DISULFID  
<222> (10)...(15)

<400> 166  
Arg Gly Gly Arg Val Cys Leu Arg Tyr Cys Arg Gly Lys Phe Cys Val  
1 5 10 15  
Arg Leu Cys Leu Arg  
20

<210> 167  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)

<221> DISULFID  
<222> (8)...(13)

<400> 167  
Arg Gly Gly Cys Leu Arg Tyr Cys Arg Pro Arg Phe Cys Arg Val Cys  
1 5 10 15  
Cys Arg

<210> 168  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)

<221> DISULFID  
<222> (8)...(13)

<400> 168  
Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
1 5 10 15  
Cys Arg

<210> 169  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)

<221> DISULFID  
<222> (8)...(13)

<400> 169  
Arg Gly Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg Leu  
1 5 10 15  
Cys Arg

<210> 170  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (5)...(18)

<221> DISULFID  
<222> (9)...(14)

<400> 170  
Arg Gly Arg Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg  
1 5 10 15  
Leu Cys Phe Arg  
20

<210> 171  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (5)...(18)

<221> DISULFID  
<222> (9)...(14)

<400> 171  
Arg Trp Arg Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val Arg  
1 5 10 15  
Leu Cys Leu Arg  
20

<210> 172  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (6)...(19)

<221> DISULFID  
<222> (10)...(15)

<400> 172  
Arg Gly Trp Arg Val Cys Leu Lys Tyr Cys Arg Gly Arg Phe Cys Val  
1 5 10 15  
Lys Leu Cys Leu Arg  
20

<210> 173  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (6)...(19)

<221> DISULFID  
<222> (10)...(15)

<400> 173  
Arg Gly Gly Arg Val Cys Leu Arg Tyr Cys Arg Gly Arg Phe Cys Val  
1 5 10 15  
Arg Leu Cys Leu Arg  
20

<210> 174  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)

<221> DISULFID  
<222> (8)...(13)

<400> 174  
Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
1 5 10 15  
Cys

<210> 175  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(17)

<400> 175  
Arg Gly Gly Cys Leu Arg Tyr Ala Val Pro Arg Phe Ala Val Arg Val  
1 5 10 15  
Cys Arg

<210> 176  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic polypeptide

<221> DISULFID  
<222> (4)...(7)

<400> 176  
 Arg Gly Gly Cys Leu Arg Tyr Thr Lys Pro Lys Phe Thr Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 177  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (4)...(17)

<400> 177  
 Arg Gly Gly Cys Leu Arg Tyr Ala Val Gly Arg Phe Ala Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 178  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 5,9  
 <223> Xaa = Homoarginine

<221> DISULFID  
 <222> (4)...(17)

<400> 178  
 Arg Gly Gly Cys Xaa Leu Tyr Ala Xaa Arg Arg Phe Ser Val Val Gly  
 1 5 10 15  
 Cys Arg

<210> 179  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 10  
 <223> Xaa = MeGly

<221> DISULFID  
 <222> (4)...(17)

<400> 179



Arg Gly Gly Cys Leu Arg Tyr Ala Arg Xaa Arg Phe Ala Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 180  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (4)...(17)

<400> 180  
 Arg Gly Phe Cys Leu Arg Tyr Thr Val Pro Arg Phe Thr Val Arg Phe  
 1 5 10 15  
 Cys Val Arg

<210> 181  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (4)...(17)

<400> 181  
 Arg Gly Phe Cys Leu Arg Tyr Lys Val Gly Arg Phe Lys Val Arg Phe  
 1 5 10 15  
 Cys Val Arg

<210> 182  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 8,13  
 <223> Xaa = MeGly

<221> DISULFID  
 <222> (4)...(17)

<400> 182  
 Arg Gly Phe Cys Leu Arg Tyr Xaa Val Gly Arg Phe Xaa Val Arg Phe  
 1 5 10 15  
 Cys Val Arg

<210> 183  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 10  
 <223> Xaa = MeGly  
  
 <221> DISULFID  
 <222> (4) ... (17)  
  
 <400> 183  
 Arg Gly Gly Cys Leu Arg Tyr Ala Arg Xaa Arg Phe Ala Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 184  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (4) ... (17)  
  
 <400> 184  
 Arg Gly Gly Cys Leu Arg Tyr Ala Val Gly Arg Phe Ala Val Arg Val  
 1 5 10 15  
 Cys Arg

<210> 185  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (5) ... (16)  
  
 <400> 185  
 Arg Gly Gly Arg Cys Leu Tyr Ala Arg Arg Arg Phe Ala Val Val Cys  
 1 5 10 15  
 Gly Arg

<210> 186  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
 <221> DISULFID  
 <222> (5)...(16)  
 <400> 186  
 Arg Gly Gly Arg Cys Leu Tyr Ala Arg Arg Arg Phe Ser Ile Val Cys  
 1 5 10 15  
 <210> 187  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Synthetic polypeptide  
 <221> DISULFID  
 <222> (5)...(16)  
 <400> 187  
 Arg Gly Gly Cys Leu Tyr Ser Arg Arg Arg Phe Ala Val Val Cys  
 1 5 10 15  
 Gly Arg  
 <210> 188  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Synthetic polypeptide  
 <221> DISULFID  
 <222> (5)...(16)  
 <400> 188  
 Arg Gly Gly Arg Cys Leu Tyr Ala Arg Arg Arg Phe Gly Val Val Cys  
 1 5 10 15  
 <210> 189  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Synthetic polypeptide  
 <221> DISULFID  
 <222> (5)...(16)  
 <400> 189  
 Lys Gly Gly Arg Cys Leu Tyr Val Arg Arg Arg Phe Ile Val Val Cys  
 1 5 10 15  
 <210> 190  
 <211> 18

<212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 4,9  
 <223> Xaa = Homoarginine  
  
 <221> DISULFID  
 <222> (5)...(16)  
  
 <400> 190  
 Arg Gly Gly Xaa Cys Leu Tyr Ala Xaa Arg Arg Phe Ser Val Val Cys  
           1                  5                          10                          15  
 Gly Arg

<210> 191  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
  
 <221> DISULFID  
 <222> (5)...(16)

<400> 191  
 Arg Gly Gly Arg Cys Leu Tyr Ser Arg Lys Lys Trp Ala Val Ser Cys  
           1                  5                          10                          15  
 Gly Arg

<210> 192  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> MOD\_RES  
 <222> 10  
 <223> Xaa = Homoarginine

<221> DISULFID  
 <222> (5)...(16)

<400> 192  
 Arg Gly Gly Arg Cys Leu Tyr Ser Arg Xaa Arg Tyr Ser Val Ile Cys  
           1                  5                          10                          15  
 Gly Arg

<210> 193  
 <211> 18  
 <212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (5)...(16)

<400> 193

Arg Ala Thr Arg Cys Ile Phe Ser Arg Arg Arg Phe Ser Val Val Cys  
1 5 10 15

Gly Arg

<210> 194

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> 10

<223> Xaa = Homoarginine

<221> DISULFID

<222> (5)...(16)

<400> 194

Arg Gly Gly Lys Cys Val Tyr Gly Arg Xaa Arg Phe Ser Val Val Cys  
1 5 10 15

Gly Arg

<210> 195

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> 9,18

<223> Xaa = D-arginine

<221> DISULFID

<222> (5)...(16)

<400> 195

Arg Ala Thr Arg Cys Ile Phe Gly Xaa Arg Arg Phe Gly Val Val Cys  
1 5 10 15

Gly Xaa

<210> 196

<211> 18

<212> PRT

<213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide  
  
 <221> MOD\_RES  
 <222> 10  
 <223> Xaa = D-homoarginine  
  
 <221> DISULFID  
 <222> (5)...(16)  
  
 <400> 196  
 Arg Gly Gly Lys Cys Val Tyr Leu Arg Xaa Arg Phe Leu Val Val Cys  
   1                  5                  10                  15  
 Gly Arg

<210> 197  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(16)  
  
 <400> 197  
 Arg Gly Gly Arg Cys Val Phe Leu Arg Pro Arg Ile Gly Val Val Cys  
   1                  5                  10                  15  
 Gly Arg

<210> 198  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID  
 <222> (5)...(16)

<221> DISULFID  
 <222> (8)...(13)

<400> 198  
 Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys  
   1                  5                  10                  15  
 Gly Arg

<210> 199  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic polypeptide

<221> DISULFID

<222> (5)...(8)

<221> DISULFID

<222> (13)...(16)

<400> 199

Arg Gly Gly Arg Cys Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Cys  
1 5 10 15

Gly Arg

<210> 200

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> DISULFID

<222> (4)...(17)

<221> DISULFID

<222> (8)...(13)

<400> 200

Arg Gly Gly Cys Arg Leu Tyr Cys Arg Arg Arg Phe Cys Ile Val Gly  
1 5 10 15

Cys

<210> 201

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic polypeptide

<221> MOD\_RES

<222> (1)...(18)

<223> All genetically encoded amino acids are in the  
D-configuration

<221> DISULFID

<222> (4)...(17)

<221> DISULFID

<222> (8)...(13)

<400> 201

Arg Gly Gly Cys Gly Leu Tyr Cys Arg Arg Arg Phe Cys Val Val Gly  
1 5 10 15

Cys Arg